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Attorney Docket No. EVOY001/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Alexander FLAIG et al.

Serial No.: 09/820,963

Examiner: Unassigned

Filed: March 30, 2001

Art Unit: Unassigned

For: METHOD AND APPARATUS FOR REGENERATIVE BASED
INTERFERENCE CANCELLATION WITHIN A COMMUNICATION
SYSTEM

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form
PTO/SB/08 for the above-identified patent application.

- ☒ In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- ☐ In accordance with 37 C.F.R. §1.97(c), also enclosed is:
- ☐ the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
- ☐ a statement as specified in 37 C.F.R. §1.97(e).
- ☐ In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- ☐ Check No. _____ in the amount of \$_____ for the total fee is attached.
- ☐ Please charge \$_____ to Deposit Account No. 50-1283 for the total fee.
This paper is being submitted in duplicate.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

Dated: April 12, 2001

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Respectfully submitted,
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By:

A handwritten signature in black ink, appearing to read 'Christopher R. Hutter', is written over a horizontal line.

Christopher R. Hutter
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Attorney Docket No. EVOY001/00US



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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08 are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. ____ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☐ Publication(s) ____ listed on the attached Form PTO/SB/08 were cited in a foreign search or examination report corresponding to ____ application serial no. ____ and mailed on ____.
- ☐ Enclosed is a copy of a non-English publication(s) _____. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).

- ☐ Enclosed is a copy of a non-English publication(s) _____. English language publication _____ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) _____ for which an English translation is not available.
- ☐ Enclosed is an English translation of the non-English publication(s) cited in the attached Form PTO/SB/08.
- ☐ Enclosed is a copy of pending patent Application Serial No. _____.

This Information Disclosure Statement is filed within any one of the following time periods:

- ☒ within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- ☐ within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in this international application;
- ☐ before the mailing date of a first office action on the merits; or
- ☐ before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

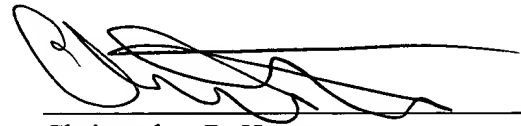
It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08 to the undersigned.

Dated: April 12, 2001

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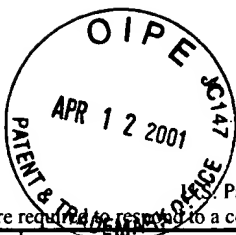
Respectfully submitted,
COOLEY GODWARD LLP

By:



Christopher R. Hutter
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/820,963		
		Filing Date	March 30, 2001		
		First Named Inventor	Alexander FLAIG et al.		
		Group Art Unit			
Examiner Name					
Sheet	2	of	2	Attorney Docket Number	EVOY001/00US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		JOACHIM HAGENAUER et al., "A Viterbi Algorithm with Soft-Decision Outputs and its Applications", IEEE CH2682-3/89/0000-1680, pp. 1680-1686	
		MAHESH K. VARANASI et al., "Multistage Detection in Asynchronous Code-Division Multiple-Access Communications", IEEE Transactions on Communications, Vol. 38, No. 4, April 1990, pp. 509-519	
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		YOUNG C. YOON et al., "A Spread-Spectrum Multi-Access System with a Cascade of Co-Channel Interference Cancellers for Multipath Fading Channels", IEEE Second International Symposium on Spread Spectrum Technologies and Applications (ISSSTA '92) Yokohama, Japan, November 29-December 2, 1992, pp. 87-90	
		CHRISTOPHER J. HEGARTY et al., "Noncoherent Multiuser Detection of M-Ary Orthogonal Signals Using a Decorrelator", IEEE 1996 0-7803-3682-8/96, pp. 903-907	
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		MAHESH K. VARANASI et al., "Noncoherent Decorrelative Detection for Nonorthogonal Multipulse Modulation over the Multiuser Gaussian Channel", IEEE Transactions on Communications, Vol. 46, No. 12, December 1998, pp. 1675-1684	
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		XIAODONG WANG et al., "Iterative (Turbo) Soft Interference Cancellation and Decoding for Coded CDMA", IEEE Transactions on Communications, Vol. 47, No. 7, July 1999, pp. 1046-1061	
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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

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